

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	593	fin with plate same (lanced or louver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:12
L7	27	fin with plate same (lanced or louver) and frost	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:19
L8	12	fin same frost near bridging	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:20
L9	61	fin same frost with (louver or louver or lanced or cut)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:24
L10	31	ishii.in. and frost	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:24
L11	5	ishii.in. and frost and exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:26
L12	1	satou.in. and frost and exchanger	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:39

## EAST Search History

L13	0	11-118380.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:39
L14	2	"11118380".did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:39
L15	0	fujinami.in. and fin	USPAT	OR	ON	2007/12/27 17:13
L16	1	fujinami.in. and fin	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:18
L17	1	kaga.in. and frost and perpendicular	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:20
L18	28	kaga.in. and side adj end	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:21
L19	5	kaga.in. and side adj end and frost	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:32
L20	339	165/151.ccls. and fin with plate	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:33
L21	159	165/151.ccls. and fin with (lance or lanced or cut)	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 17:33
S1	3	(165/151 or 165/182).ccls. and fin with (corrugation or corrugated) and chevron	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 11:56
S2	51	(165/151 or 165/182).ccls. and fin with (corrugation or corrugated) with plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 11:46

## EAST Search History

S3	24	("1920313"   "20020066554"   "3397741"   "3645330"   "4296050"   "4480684"   "4668443"   "4705105"   "4735775"   "5009263"   "5062475"   "5111876"   "5124087"   "5168923"   "5203403"   "5425414"   "5505257"   "5775413"   "5799725"   "5927393"   "5950716"   "6209201").PN. OR ("6889759").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 11:47
S4	27	("1920313"   "2032065"   "3443634"   "3515207").PN. OR ("3645330").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 11:48
S5	16	("1408060"   "2032065"   "2246258"   "3645330"   "3702632"   "3983935").PN. OR ("4586563").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 11:49
S6	9	("1920313"   "3650233"   "3698222"   "4586563"   "4592420").PN. OR ("5201367").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 11:50
S7	4	("1920313").URPN.	USPAT	OR	ON	2007/12/27 11:50
S8	8	("3515207").URPN.	USPAT	OR	ON	2007/12/27 11:53
S9	2	((("1553093") or ("1927325"))).PN.	USPAT	OR	OFF	2007/12/27 11:53
S10	6	("1553093").URPN.	USPAT	OR	ON	2007/12/27 11:54
S11	2215	(165/151 or 165/182).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 12:17
S12	184	(165/151 or 165/182).ccls. and pattern	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 11:57
S13	2	("1915742").URPN.	USPAT	OR	ON	2007/12/27 11:58
S14	1517	(165/151).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 12:48
S15	17	165/151.ccls. and (165/167 or 165/166).ccls.	USPAT	OR	ON	2007/12/27 13:18

## EAST Search History

S16	167	(corrugation or corrugated) with plate near fin	USPAT	OR	ON	2007/12/27 13:18
S17	353	(corrugation or corrugated) with plate near fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:21
S18	35	(corrugation or corrugated) with plate near fin same (angle or chevron)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:18
S19	0	corrugation near3 pattern same plate near fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:21
S20	86	corrugation near3 pattern and fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:22
S21	24	corrugation near3 pattern and fin and "165"/\$.cls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:23
S22	294	165/167.cls. and (corrugated or corrugation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:23
S23	50	165/167.cls. and (corrugated or corrugation) with fin	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:23

## EAST Search History

S24	247	165/167.ccls. and (corrugated or corrugation) with (fin or plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:23
S25	204	165/167.ccls. and (corrugated or corrugation) near3 (fin or plate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 13:23
S26	18	("3399708"   "3862661"   "4376460"   "4586565"   "4630674"   "4678030").PN. OR ("5174370").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 13:25
S27	21	(US-20040194936-\$).did. or (US-6889759-\$ or US-3645330-\$ or US-7249626-\$ or US-4586563-\$ or US-5201367-\$ or US-3515207-\$ or US-1553093-\$ or US-4821795-\$ or US-1557467-\$ or US-4141411-\$ or US-5794690-\$ or US-5174370-\$ or US-6926076-\$ or US-4678030-\$). did. or (US-1920313-\$ or US-2246258-\$ or US-3515207-\$ or US-1915742-\$ or US-3249156-\$). did. or (JP-54140253-\$).did.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:37
S28	8	S27 and apart	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 14:01
S29	0	derosier.in. and corrugated and apart	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:38
S30	0	derosier.in. and corrugated and apart	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:38
S31	2	derosier.in. and corrugated	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:56
S32	0	derosier.in. and corrugated and apart	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:38

## EAST Search History

S33	0	derosier.in. and corrugated and apart.clm.	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:38
S34	2	derosier.in. and corrugated and "50"	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 13:56
S35	6	S27 and (pitch or depth or height)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 14:04
S36	8	S27 and spacing	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 14:06
S37	1	S27 and amplitude	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 14:14
S38	1	S27 and amplitude and h and w	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/12/27 14:14